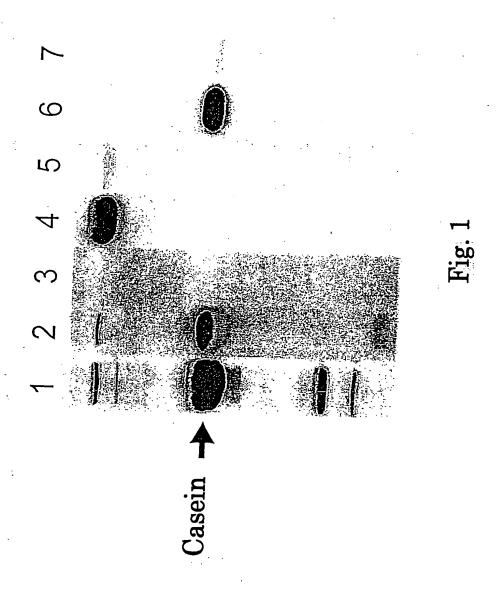
Katunuma, et al.

Appl. No.: Unknown Atty Docket: TOYA108.006APC



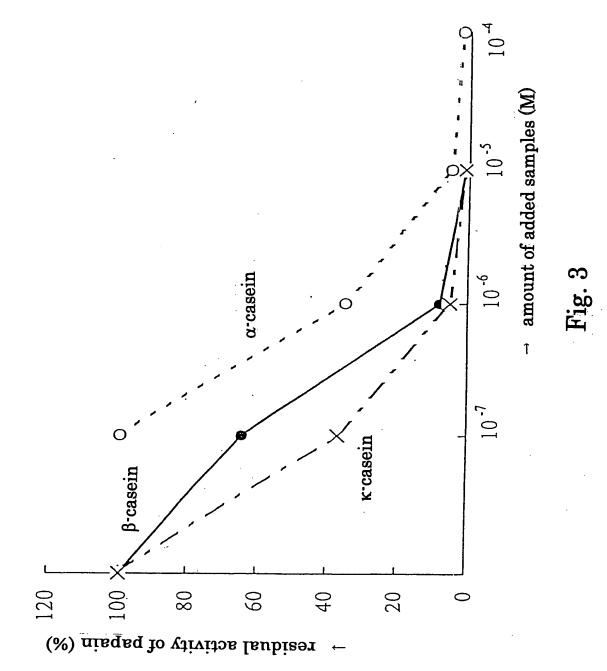
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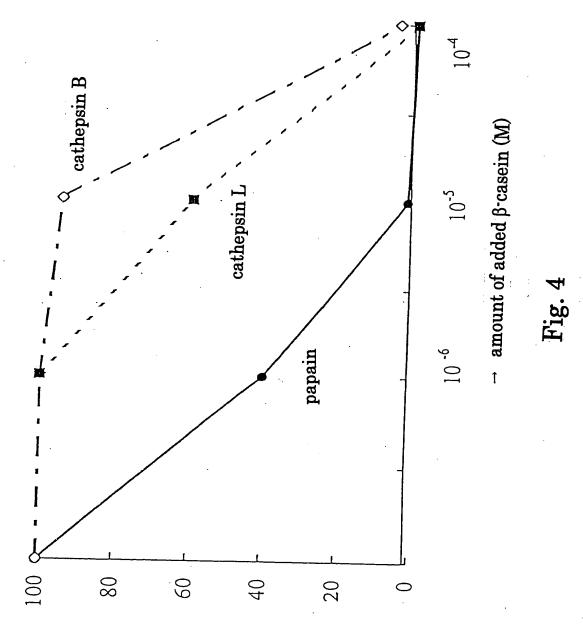
CYSTEINE PROTEASE INHIBITOR Katunuma, et al.

Appl. No.: Unknown Atty Docket: TOYA108.006APC

I NKK I EKFQS EE QQQTEDEL	PFLQPEVMGV SKVKEAMAPK	MFPPÓSV LS L	,	
I NKK I EKFQS		QPHQPLPPTV		PIIV
LSSSEES I TR	PLTQTPVVVP	TLTDVENLHL PLPLLQSWMH QPHQPLPPTV	ein peptide	AVPYPQRDM PIQAFLLYQE PYLGPVRGPF
LNVPGE IVES	I PNSLPQN IP	TLTDVENLHL	bovine β-cas	PI QAFLLYQE
ALALARELEE	QSLVYPFPGP	VE PFTESQS L		VPYPQRDM
MKVLILACLY ALALARELEE LNVPGE IVES LSSSEES I TR	_	HKEMPFPKYP		SQSKVLPVPQ KA
	bovine 8-casein	(SEO ID No 9)	(7:0k) (T) (A)(7)	

Fig. 2





residual activity of proteases (%)

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> VPKA K DTVYT KGRVMPVLKS EYKQKVEKYK HEDQQQGEDE HQDK I YPSFQ VPQPKVLP I P LAL P P QPLWS HNP I SV YPVTQP LAPV LPV PQPE I ME QQVPQP I PQT LPLPLLQPLM human \beta-casein peptide VPVQALLLNQ ELLLN PTHQ I ILPLAQPAVV SLSSSEES I T PKLTDLENLH ALALARETI E PI PYGFLPQN MKVLI LACLV QQVVPYPQRA PQPL I YPFVE PT I PFFDPQ I human β-casein (SEQ ID No.1)

Fig. 5